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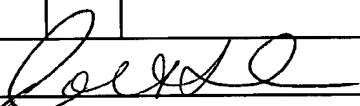
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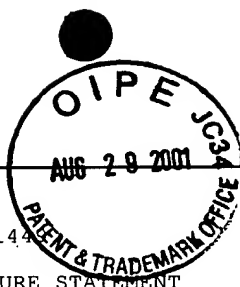
FORM PTO INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0609.4910002/JAG/JUK	APPLICATION NO. 09/814,179
	APPLICANT Kim et al.	
	FILING DATE March 22, 2001	GROUP 1633 1647

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AL	AA1	5,932,417	08/03/1999	Birnbaumer et al.	435	6	10/15/1996
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AL	AR	1	Annaert, W., and De Strooper, B., "Presenilins: molecular switches between proteolysis and signal transduction," <i>Trends Neurosci.</i> 22:439-443, Elsevier Science Ltd. (October 1999).
↓	AS	1	Bezprozvanny, I. et al., "Bell-shaped calcium-response curves of Ins(1,4,5)P <sub>3</sub> - and calcium-gated channels from endoplasmic reticulum of cerebellum," <i>Nature</i> 351:751-754, Macmillan Publishing Group (1991).
↓	AT	1	Berridge, M.J., "Inositol trisphosphate and calcium signalling," <i>Nature</i> 361:315-325, Macmillan Publishing Group (1993).

EXAMINER 	DATE CONSIDERED 9/12/02
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FORM PTO-144

## INFORMATION DISCLOSURE STATEMENT

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09/814,179APPLICANT  
Kim et al.FILING DATE  
March 22, 2001GROUP  
1633 1647

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

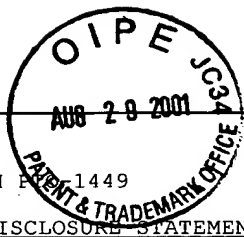
AR	2	Berridge, M.J., "Capacitative calcium entry," <i>Biochem. J.</i> 312:1-11, Portland Press Ltd. (1995).
AS	2	Berridge, M.J. et al., "Signal Transduction. The Calcium Entry Pas de Deux," <i>Science</i> 287:1604-1605, American Association for the Advancement of Science (March 2000).
AT	2	Birnbaumer, L. et al., "On the molecular basis and regulation of cellular capacitative calcium entry: Roles for Trp proteins," <i>Proc. Natl. Acad. Sci. USA</i> 93:15195-15202, The National Academy of Sciences (1996).

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	APPLICANT Kim et al.	
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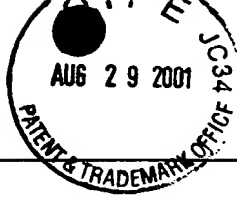
BK	AR	3	Borchelt, D.R. et al., "Familial Alzheimer's Disease-Linked Presenilin 1 Variants Elevate A $\beta$ 1-42/1-40 Ratio In Vitro and In Vivo," <i>Neuron</i> 17:1005-1013, Cell Press (1996).
1	AS	3	Boulay, G. et al., "Modulation of Ca <sup>2+</sup> entry by polypeptides of the inositol 1,4,5-trisphosphate receptor (IP3R) that bind transient receptor potential (TRP): evidence for roles of TRP and IP3R in store depletion-activated Ca <sup>2+</sup> entry," <i>Proc. Natl. Acad. Sci. USA</i> 96:14955-14960, The National Academy of Sciences (December 1999).
2	AT	3	Camacho, P. and Lechleiter, J.D., "Calreticulin Inhibits Repetitive Intracellular Ca <sup>2+</sup> Waves," <i>Cell</i> 82:765-771, Cell Press (1995).

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March 22, 2001

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**U.S. PATENT DOCUMENTS**

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	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

AL	AR	4	Citron, M. et al., "Mutant presenilins of Alzheimer's disease increase production of 42-residue amyloid $\beta$ -protein in both transfected cells and transgenic mice," <i>Nat. Med.</i> 3:67-72, Nature Publishing Group (1997).
L	AS	4	Clapham, D.E., "Calcium signaling," <i>Cell</i> 80:259-268, Cell Press (1995).
L	AT	4	Cruts, M. and Van Broeckhoven, C., "Presenilin Mutations In Alzheimer's Disease," <i>Hum. Mutat.</i> 11:183-190, John Wiley & Sons, Inc. (1998).

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	FILING DATE March 22, 2001	GROUP F633 1647

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PK	AR	5	Daly, J.W. et al., "Maitotoxin-Elicited Calcium Influx in Cultured Cells. Effect of Calcium-Channel Blockers," <i>Biochem. Pharmacol.</i> 50:1187-1197, Elsevier Science (1995).
I	AS	5	De Strooper, B. et al., "Deficiency of presenilin-1 inhibits the normal cleavage of amyloid precursor protein," <i>Nature</i> 391:387-390 (1998).
↓	AT	5	De Strooper, B. et al., "A presenilin-1-dependent γ-secretase-like protease mediates release of Notch intracellular domain," <i>Nature</i> 398:518-522 (April 1999).

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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>AM</i>	AR	<u>6</u>	De Jonghe, C. et al., "Flemish and Dutch Mutations in Amyloid $\beta$ Precursor Protein Have Different Effects on Amyloid $\beta$ Secretion," <i>Neurobiol. Dis.</i> 5:281-286, Academic Press, Inc. (1998).
<i>L</i>	AS	<u>6</u>	Deng, G. et al., "Alzheimer-associated presenilin-2 confers increased sensitivity to apoptosis in PC12 cells," <i>FEBS Lett.</i> 397:50-54, Elsevier Science Ltd. (1996).
<i>L</i>	AT	<u>6</u>	Dermaut, B. et al., "The Glu318Gly substitution in presenilin 1 is not causally related to Alzheimer disease," <i>Am. J. Hum. Genet.</i> 64:290-292, University of Chicago Press (January 1999).

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FORM PTO-1

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March 22, 2001GROUP  
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

PK	AR	7	Duff, K. et al., "Increased amyloid- $\beta$ 42(43) in brains of mice expressing mutant presenilin 1," <i>Nature</i> 383:710-713, Macmillan Publishing Group (1996).
L	AS	7	Elliott, P.J. et al., "Unlocking the Blood-Brain Barrier: A Role for RMP-7 in Brain Tumor Therapy," <i>Exp. Neurol.</i> 141:214-224, Academic Press, Inc. (1996).
L	AT	7	Etcheberrigaray, R. et al., "Calcium Responses in Fibroblasts from Asymptomatic Members of Alzheimer's Disease Families," <i>Neurobiol. Dis.</i> 5:37-45, Academic Press Ltd. (1998).

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	FILING DATE March 22, 2001	GROUP <del>633</del> 1647

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	8	Gibson, G.E., et al., "Abnormalities in Alzheimer's Disease Fibroblasts Bearing the APP670/671 Mutation," <i>Neurobiol. Aging</i> . 18:573-580, Elsevier Science Inc. (1997).	
AS	8	Grudt, T.J. et al., "Ca <sup>2+</sup> entry following store depletion in SH-SY5Y neuroblastoma cells," <i>Mol. Brain Res.</i> 36:93-100, Elsevier Science B.V. (1996).	
AT	8	Guo, Q. et al., "Alzheimer's PS-1 mutation perturbs calcium homeostasis and sensitizes PC12 cells to death induced by amyloid beta-peptide," <i>NeuroReport</i> 8:379-383, Rapid Science Publishers (1996).	

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	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BL	AR	9	Hofer, A.M. et al., "Capacitative Ca <sup>2+</sup> Entry Is Closely Linked to the Filling State of Internal Ca <sup>2+</sup> Stores: A Study Using Simultaneous Measurements of I <sub>CRAC</sub> and Intraluminal [Ca <sup>2+</sup> ]," <i>J. Cell. Biol.</i> 140:325-334, The Rockefeller University Press, Inc. (1998).
L	AS	9	Hofmann, T., "Direct activation of human TRPC6 and TRPC3 channels by diacylglycerol," <i>Nature</i> 397:259-263, Macmillan Publishing Group (January 1999).
L	AT	9	Hoth, M. and Penner, R, "Depletion of intracellular calcium stores activates a calcium current in mast cells," <i>Nature</i> 355:353-356, Macmillan Publishing Group (1992).

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Be	AR	10	Iwatsubo, T. et al., "Visualization of A $\beta$ 42(43) and A $\beta$ 40 in Senile Plaques with End-Specific A $\beta$ Monoclonals: Evidence That an Initially Deposited Species Is A $\beta$ 42(43)," <i>Neuron</i> 13:45-53, Cell Press (1994).
1	AS	10	Janicki, S. and Monteiro, M.J., "Increased Apoptosis Arising from Increased Expression of the Alzheimer's Disease-associated Presenilin-2 Mutation (N141I)," <i>J. Cell Biol.</i> 139:485-495, The Rockefeller University Press (1997).
1	AT	10	Jayadev, S. et al., "Reduced Capacitative Calcium Entry Correlates with Vesicle Accumulation and Apoptosis," <i>J. Biol. Chem.</i> 274:8261-8268, American Society for Biochemistry and Molecular Biology, Inc. (March 1999).

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PK	AR	11	Katayama, T. et al., "Presenilin-1 mutations downregulate the signalling pathway of the unfolded-protein response," Nat. Cell. Biol. 1:479-485, Macmillan Magazines Ltd. (December 1999).
I	AS	11	Kim, T.-W. et al., "Endoproteolytic cleavage and proteasomal degradation of presenilin 2 in transfected cells," J. Biol. Chem. 272:11006-11010, American Society for Biochemistry and Molecular Biology, Inc. (1997).
I	AT	11	Kim, T.-W., "Role of Presenilins in Capacitative Calcium Entry," American Health Assistance Foundation Alzheimer's Disease Research 2000 Grant Application, pp. 1-3, 6-19 (October 1999).

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PK	AR	12	Kim, T.-W. et al., "The N141I Presenilin 2 Familial Alzheimer Mutation is Associated with Abated Proteasomal Degradation and Reduced Capacitative Calcium Entry," Soc. Neurosci. 29 <sup>th</sup> Annual Meeting 25, Abstract 1568:629.6, Society for Neuroscience (October 1999).
	AS	12	Kim, T.-W., "Molecular Consequences of Familial Alzheimer's Disease-linked Presenilin Mutations: Protein Aggregation, Caspase Activation, and Calcium Dyshomeostasis," 3rd International Neurodegeneration in Alzheimer's Disease, Parkinson's Disease & Acute Stroke, Abstract, Strategic Research Institute (July 1999).
	AT	12	Kim, T.-W., "Molecular Consequences of Presenilin FAD Mutations: Aggregation, Calcium Dyshomeostasis, and Caspase Activation," Slide Presentation at the 3rd International Neurodegeneration in Alzheimer's Disease, Parkinson's Disease & Acute Stroke, Strategic Research Institute (July 1999).

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	AN						Yes No
	AO						Yes No
	AP						Yes No

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AR	13	Kimberly, W.T. et al., "The Transmembrane Aspartates in Presenilin 1 and 2 Are Obligatory for $\gamma$ -Secretase Activity and Amyloid $\beta$ -Protein Generation," <i>J. Biol. Chem.</i> 275:3173-3178, American Society for Biochemistry and Molecular Biology, Inc. (February 2000).
AS	13	Kiselyov, K. et al., "Functional interaction between InsP <sub>3</sub> receptors and store-operated Htrp3 channels," <i>Nature</i> 396:478-482, Macmillan Publishers Group (1998).
AT	13	Kiselyov, K. et al., "The N-Terminal Domain of the IP <sub>3</sub> Receptor Gates Store-Operated hTrp3 Channels," <i>Mol. Cell</i> 4:423-429, Cell Press (September 1999).

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	14	Krause, K.-H. and Michalak, M., "Calreticulin," Cell 88:439-443, Cell Press (1997).
AS	14	Krause, E. et al., "Low cytoplasmic [Ca(2+)] activates I(CRAC) independently of global Ca(2+) store depletion in RBL-1 cells," J. Biol. Chem. 274:36957-36962, American Society for Biochemistry and Molecular Biology, Inc. (December 1999).
AT	14	Laws, S.M. et al., "Genetics: The -491AA polymorphism in the APOE gene is associated with increased plasma apoE levels in Alzheimer's disease," NeuroReport 10:879-882, Lippincott Williams & Wilkins (March 1999).

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## INFORMATION DISCLOSURE STATEMENT

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	15	Levy, E. et al., "Mutation of the Alzheimer's Disease Amyloid Gene in Hereditary Cerebral Hemorrhage, Dutch Type," <i>Science</i> 248:1124-1126, American Association for the Advancement of Science (1990).
AS	15	Li, H.-S. et al., "Activation of a TRPC3-Dependent Cation Current through the Neurotrophin BDNF," <i>Neuron</i> 24:261-273, Cell Press (September 1999).
AT	15	Lin, X. et al., "Polyglutamine expansion down-regulates specific neuronal genes before pathologic changes in SCA1," <i>Nat. Neurosci.</i> 3:157-163, Nature Publishing Group (February 2000).

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	AN						Yes No
	AO						Yes No
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BL	AR	16	Low, A.M. et al., "Plant Alkaloids, Tetrandrine and Hernandezine, Inhibit Calcium-Depletion Stimulated Calcium Entry in Human and Bovine Endothelial Cells," <i>Life Sci.</i> 58:2327-2335, Elsevier Science (1996).
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<i>BK</i>	AR	<u>17</u>	Meldolesi, J. and Pozzan, T., "The endoplasmic reticulum $Ca^{2+}$ store: a view from the lumen," <i>Trends Biochem. Sci.</i> 23:10-14, Elsevier Science Ltd. (1998).
<i>L</i>	AS	<u>17</u>	Merritt, J.E. et al., "SK&F 96365, a novel inhibitor of receptor-mediated calcium entry," <i>Biochem. J.</i> 271:515-522, Portland Press Ltd. (1990).
<i>L</i>	AT	<u>17</u>	Mignen, O. and Shuttleworth, T.J., " $I_{ARC}$ , a Novel Arachidonate-regulated, Noncapacitative $Ca^{2+}$ Entry Channel," <i>J. Biol. Chem.</i> 275: 9114-9119, American Society for Biochemistry and Molecular Biology, Inc. (March 2000).

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BL	AR	18	Naruse, S. et al., "Effects of PS1 Deficiency on Membrane Protein Trafficking in Neurons," <i>Neuron</i> 21:1213-1221, Cell Press (1998).
I	AS	18	Niwa, M. et al., "A Role for Presenilin-1 in Nuclear Accumulation of Irel Fragments and Induction of the Mammalian Unfolded Protein Response," <i>Cell</i> 99:691-702, Cell Press (December 1999).
↓	AT	18	Oyama, F. et al., "Mutant Presenilin 2 Transgenic Mouse: Effect on an Age-Dependent Increase of Amyloid $\beta$ -Protein 42 in the Brain," <i>J. Neurochem.</i> 71:313-322, Blackwell Science Ltd. (1998).

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	AT	<u>19</u>	Putney, Jr., J.W., "Capacitative calcium entry revisited," Cell Calcium 11:611-624, Longman Group UK Ltd. (1990).

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BL	AR	20	Putney, J.W., Jr., Capacitative Calcium Entry, Chapman & Hall, 1-192 (1997).
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	21	Philipp, S. et al., "Molecular Biology of Calcium Channels," in: <i>CRC Methods in Signal Transduction</i> , CRC Press, Washington, D.C., Putney, Jr., J.W., et al., eds., pp. 321-342 (December 1999).
AS	21	Ranade, V.V., "Drug Delivery Systems. 1. Site-Specific Drug Delivery Using Liposomes as Carriers," <i>J. Clin. Pharmacol.</i> 29:685-694, Sage Publications Inc. (1989).
AT	21	Ribeiro, C.M.P. et al., "Role of the Cytoskeleton in Calcium Signaling in NIH 3T3 Cells. An Intact Cytoskeleton is Required for Agonist-Induced [Ca <sup>2+</sup> ] <sub>i</sub> Signaling, but not for Capacitative Calcium Entry," <i>J. Biol. Chem.</i> 272:26555-26561, American Society for Biochemistry and Molecular Biology, Inc. (1997).

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AL	AR	22	Scheuner, D. et al., "Secreted amyloid $\beta$ -protein similar to that in the senile plaques of Alzheimer's disease is increased in vivo by the presenilin 1 and 2 and APP mutations linked to familial Alzheimer's disease," <i>Nat. Med.</i> 2:864-870, Nature Publishing Group (1996).
L	AS	22	Selkoe, D.J., "The cell biology of $\beta$ -amyloid precursor protein and presenilin in Alzheimer's disease," <i>Trends Cell. Biol.</i> 8:447-453, Elsevier Science Ltd. (1998).
L	AT	22	Selkoe, D.J., "Notch and presenilins in vertebrates and invertebrates: implications for neuronal development and degeneration," <i>Curr. Opin. Neurobiol.</i> 10:50-57, Elsevier Science Ltd. (February 2000).

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	AM						Yes No
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	AO						Yes No
	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

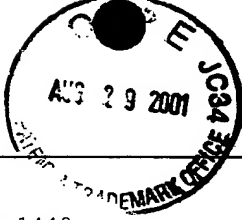
	AR	<u>23</u>	Shen, J. et al., "Skeletal and CNS defects in Presenilin-1-deficient mice," Cell 89:629-639, Cell Press (1997).
	AS	<u>23</u>	Shuttleworth, T.J., "Arachidonic Acid Activates the Noncapacitative Entry of Ca <sup>2+</sup> during [Ca <sup>2+</sup> ] <sub>i</sub> Oscillations," J. Biol. Chem. 271:21720-21725, American Society for Biochemistry and Molecular Biology, Inc. (1996).
	AT	<u>23</u>	Silverman, R.B., "Chapter 8: Prodrugs and Drug Delivery Systems," in: The Organic Chemistry of Drug Design and Drug Action, Academic Press, pp.352-401 (1992).

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>M</i>	AR	<u>24</u>	Steiner, H. et al., "A Loss of Function Mutation of Presenilin-2 Interferes with Amyloid $\beta$ -Peptide Production and Notch Signaling," <i>J. Biol. Chem.</i> 274:28669-28673, American Society for Biochemistry and Molecular Biology, Inc. (October 1999).
<i>L</i>	AS	<u>24</u>	Steiner, H. et al., "Genes and mechanisms involved in beta-amyloid generation and Alzheimer's disease," <i>Eur. Arch. Psychiatry Clin. Neurosci.</i> 249:266-270, Steinkopff Verlag (November 1999).
<i>C</i>	AT	<u>24</u>	Strittmatter, W.J. et al., "Apolipoprotein E: High-avidity binding to $\beta$ -amyloid and increased frequency of type 4 allele in late-onset familial Alzheimer disease," <i>Proc. Natl. Acad. Sci. USA</i> 90:1977-1981, The National Academy of Sciences (1993).

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FORM PTO-1

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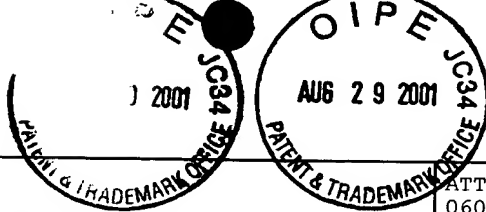
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AR	25	Struhl, G. and Greenwald, I., "Presenilin is required for activity and nuclear access of Notch in <i>Drosophila</i> ," <i>Nature</i> 398:522-525, Macmillan Publishing Group (April 1999).
AS	25	Suzuki, N. et al., "An Increased Percentage of Long Amyloid $\beta$ Protein Secreted by Familial Amyloid $\beta$ Protein Precursor ( $\beta$ APP <sub>717</sub> ) mutants," <i>Science</i> 264:1336-1340, American Association for the Advancement of Science (1994).
AT	25	Tan, Y. et al., "Presenilin-1 mutations associated with familial Alzheimer's disease do not disrupt protein transport from the endoplasmic reticulum to the Golgi apparatus," <i>Biochim. Biophys. Acta</i> 1407:69-78, Elsevier Science Ltd. (1998).

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AR	26	Tanzi, R.E., "A genetic dichotomy model for the inheritance of Alzheimer's disease and common age-related disorders," <i>J. Clin. Invest.</i> 104:1175-1179, American Society for Clinical Investigation (November 1999).
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L	AS	27	Vazquez, G. et al., "1 $\alpha$ ,25-Dihydroxy-vitamin-D <sub>3</sub> -induced Store-operated Ca <sup>2+</sup> Influx in Skeletal Muscle Cells. Modulation by Phospholipase C, Protein Kinase C, and Tyrosine Kinases," <i>J. Biol. Chem.</i> 273:33954-33960, The American Society for Biochemistry and Molecular Biology, Inc. (1998).
L	AT	27	Waldron, R.T. et al., "Store-operated Ca <sup>2+</sup> Entry and Coupling to Ca <sup>2+</sup> Pool Depletion in Thapsigargin-resistant Cells," <i>J. Biol. Chem.</i> 272:6440-6447, The American Society for Biochemistry and Molecular Biology, Inc. (1997).

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0609.4910002/JAG/JUK

APPLICATION NO.  
09/814,179

APPLICANT  
Kim *et al.*

FILING DATE  
March 22, 2001

GROUP  
~~633~~ 1647

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	28	Wolfe, M.S. <i>et al.</i> , "Two transmembrane aspartates in presenilin-1 required for presenilin endoproteolysis and $\gamma$ -secretase activity," <i>Nature</i> 398:513-517, Macmillan Publishing Group (April 1999).
AS	28	Wolozin, B. <i>et al.</i> , "Participation of Presenilin 2 in Apoptosis: Enhanced Basal Activity Conferred by an Alzheimer Mutation," <i>Science</i> 274:1710-1713, The American Association for the Advancement of Science (1996).
AT	28	Worley III, J.F. <i>et al.</i> , "Depletion of Intracellular $\text{Ca}^{2+}$ Stores Activates a Maitotoxin-sensitive Nonselective Cationic Current in $\beta$ -Cells," <i>J. Biol. Chem.</i> 269:32055-32058, The American Society for Biochemistry and Molecular Biology, Inc. (1994).

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FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0609.4910002/JAG/JUKAPPLICATION NO.  
09/814,179APPLICANT  
Kim et al.FILING DATE  
March 22, 2001GROUP  
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## U.S. PATENT DOCUMENTS

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>29</u>	Yao, Y. et al., "Activation of Store-Operated Ca <sup>2+</sup> Current in <i>Xenopus</i> Oocytes Requires SNAP-25 but Not a Diffusible Messenger," <i>Cell</i> 98:475-485, Cell Press (August 1999).
	AS	<u>29</u>	Ye, Y. et al., "Neurogenic phenotypes and altered Notch processing in <i>Drosophila</i> Presenilin mutants," <i>Nature</i> 398:525-529, Macmillan Publishing Group (April 1999).
	AT	<u>29</u>	Zhu, X. et al., "trp, a Novel Mammalian Gene Family Essential for Agonist-Activated Capacitative Ca <sup>2+</sup> Entry," <i>Cell</i> 85:661-671, Cell Press (1996).

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FORM PTO-1449

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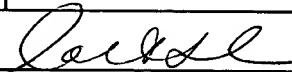
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	30	Zweifach, A. and Lewis, R.S., "Mitogen-regulated Ca <sup>2+</sup> current of T lymphocytes is activated by depletion of intracellular Ca <sup>2+</sup> stores," <i>Proc. Natl. Acad. Sci. USA</i> . 90: 6295-6299, The National Academy of Sciences (1993).
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	APPLICANT Kim <i>et al.</i>	
	FILING DATE March 22, 2001	GROUP 1647

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	ING DATE
	AA						
<i>BL</i>	AB1	5,538,983	07/23/1996	Buxbaum <i>et al.</i>	514	313	04/29/1994
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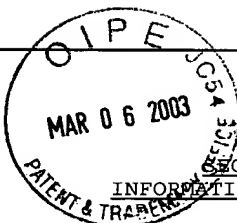
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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 FORM PTO-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0609.4910002/JAG/JUK	APPLICATION NO. 09/814,179
	APPLICANT Kim et al.	
	FILING DATE March 22, 2001	GROUP 1647

## U.S. PATENT DOCUMENTS

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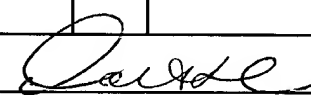
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## FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS	30	Buxbaum, J.D., et al., "Calcium regulates processing of the Alzheimer amyloid protein precursor in a protein kinase C-independent manner," <i>Proc. Natl. Acad. Sci. USA</i> 91:4489-4493, National Academy of Sciences (1994)
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EXAMINER 	DATE CONSIDERED 5/12/03
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